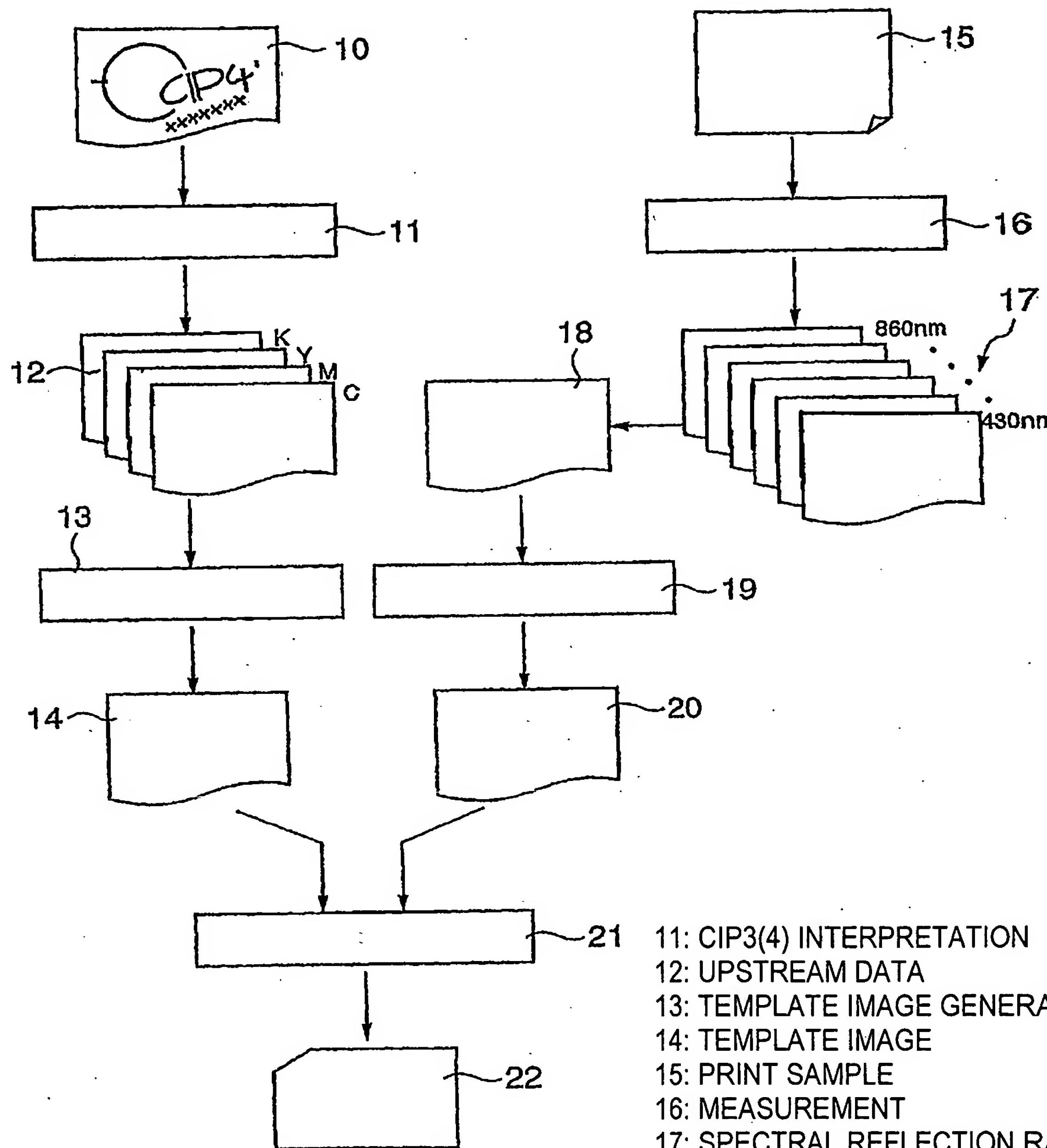
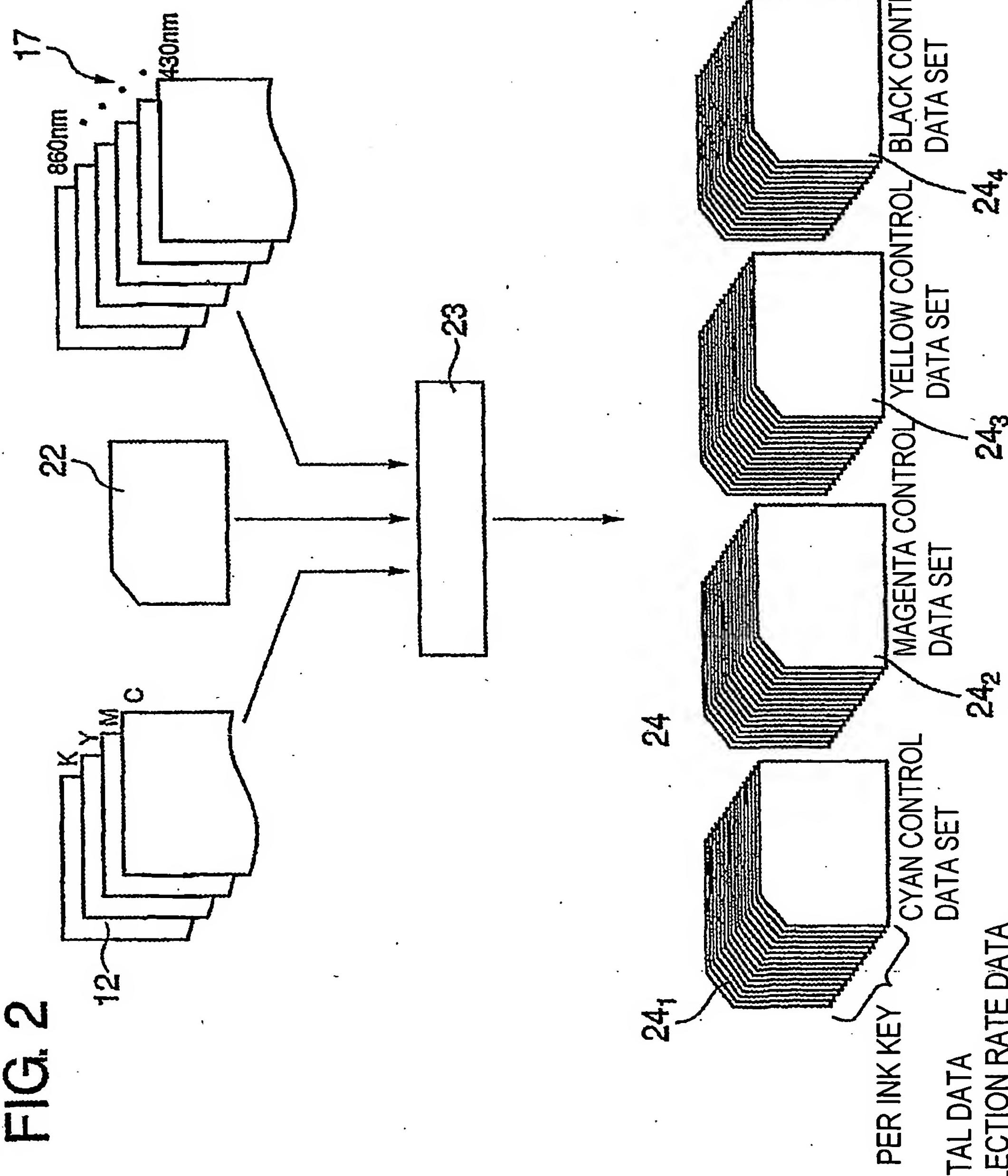


FIG. 1



- 11: CIP3(4) INTERPRETATION
- 12: UPSTREAM DATA
- 13: TEMPLATE IMAGE GENERATION
- 14: TEMPLATE IMAGE
- 15: PRINT SAMPLE
- 16: MEASUREMENT
- 17: SPECTRAL REFLECTION RATE
- 18: SINGLE WAVELENGTH EXTRACTION DATA
- 19: RESOLUTION TRANSFORMATION
- 20: MATCHING IMAGE
- 21: TEMPLATE MATCHING
- 22: COORDINATES TRANSFORM INFORMATION

**FIG. 2**



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12: UPSTREAM DIGITAL DATA  
17: SPECTRAL REFLECTION RATE DATA

22: COORDINATES TRANSFORM INFORMATION  
23: SELECTIVE INTEGRALAND AVERAGING

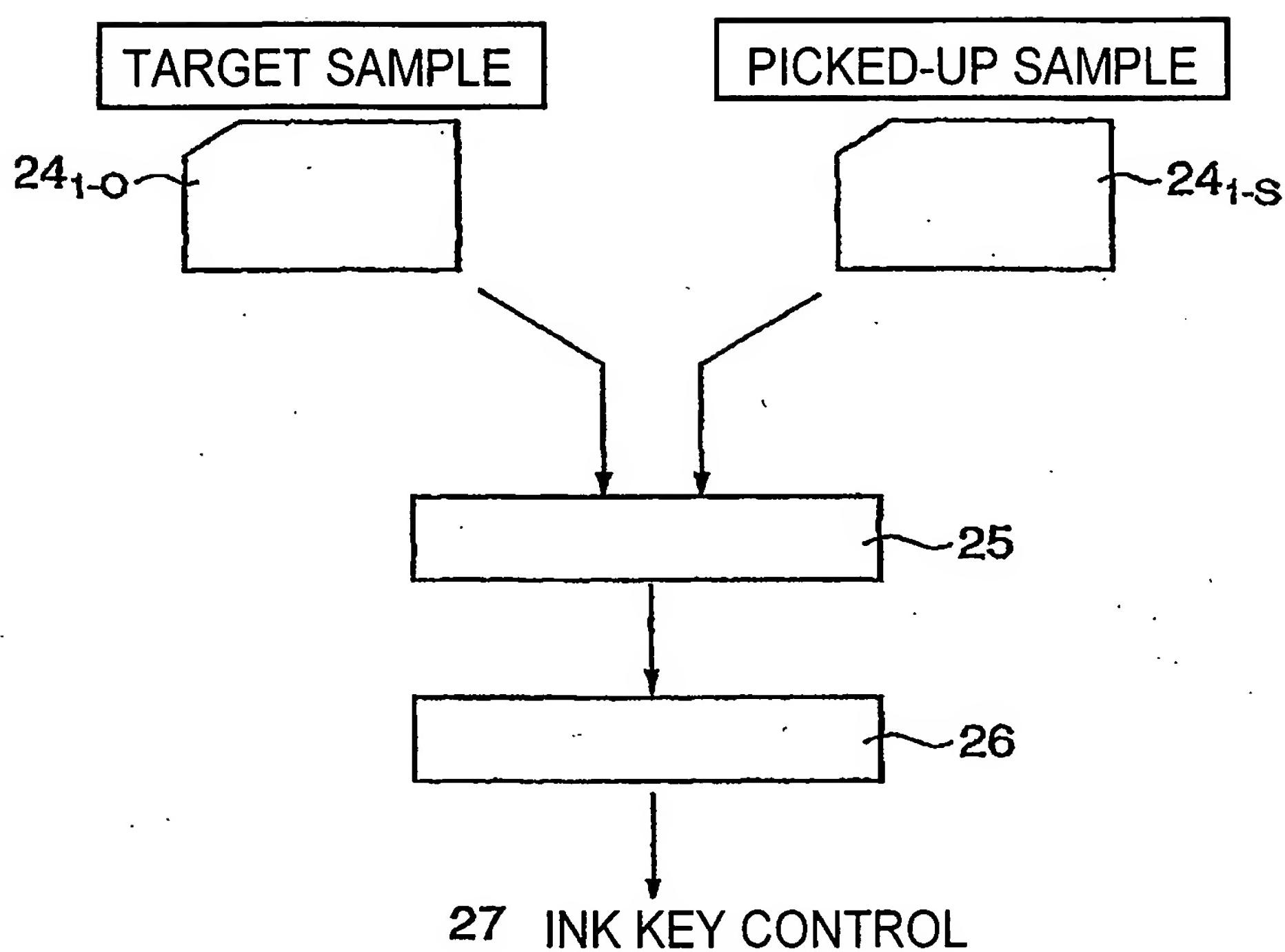
24: DATA SET GENARATION PER INK KEY AND PER COLOR

24<sub>1</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

24<sub>2</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

24<sub>3</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

24<sub>4</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

**FIG. 3**

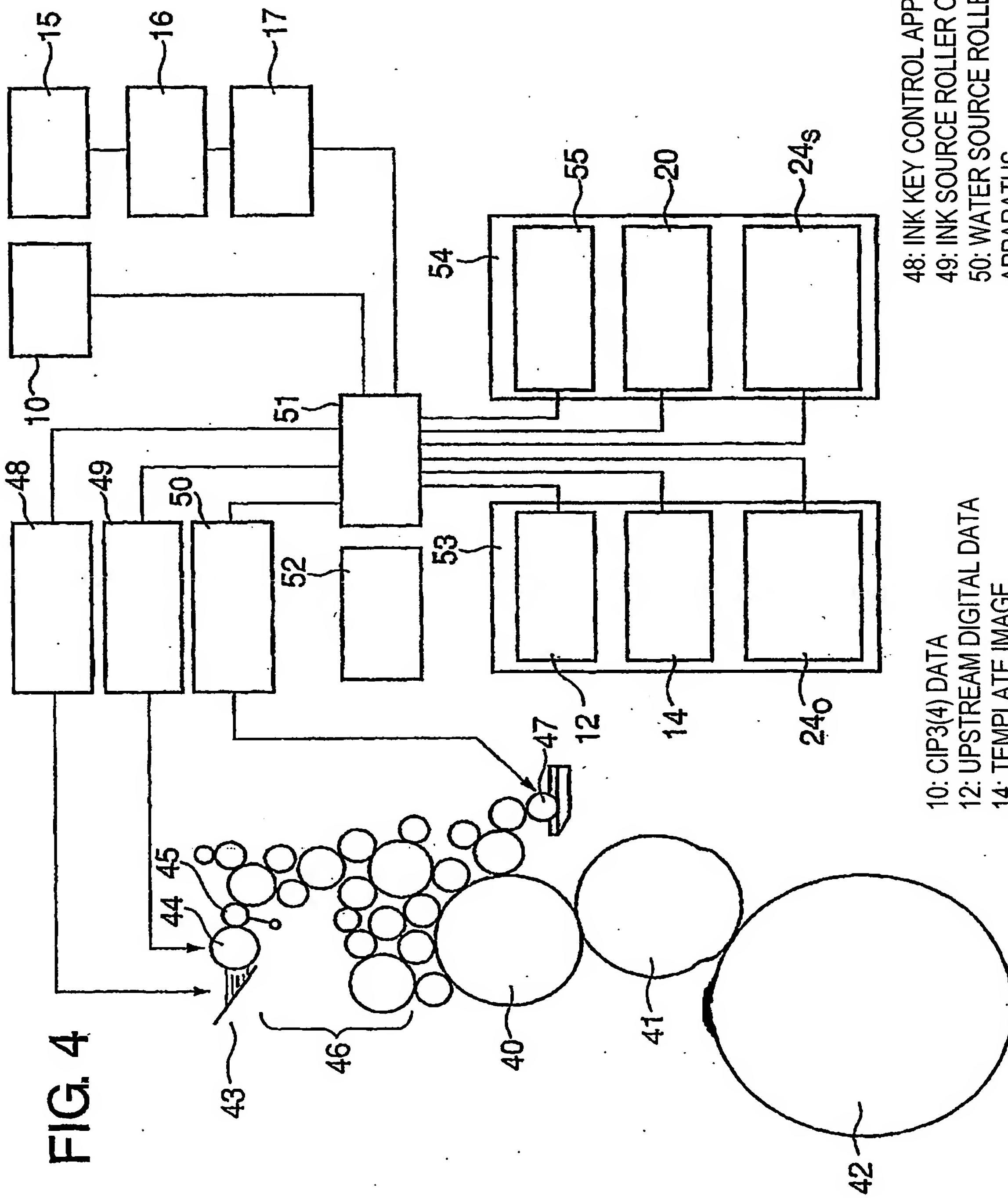
24<sub>1-O</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

24<sub>1-S</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

25: INK CONTENT CALCULATION

26: CONTROL QUANTITY CALCULATION

**FIG. 4**



- 48: INK KEY CONTROL APPARATUS  
49: INK SOURCE ROLLER CONTROL APPARATUS  
50: WATER SOURCE ROLLER CONTROL APPARATUS  
51: CONTROL APPARATUS  
52: CALCULATION UNIT  
55: UPSTREAM DIGITAL DATA  
10: CIP3(4) DATA  
12: UPSTREAM DIGITAL DATA  
14: TEMPLATE IMAGE  
15: PRINT SAMPLE  
16: MEASUREMENT APPARATUS  
17: SPECTRAL REFLECTION DATA  
20: MATCHING IMAGE  
24 : TARGET AREA RATE & SPECTRAL REFLECTION RATE DATA SET  
24 : SAMPLE AREA RATE & SPECTRAL REFLECTION RATE DATA SET